

Sinar CaptureShop™ 5.6.3 ReadMe

What is New in Sinar CaptureShop™ 5.6.3

- a. Sinar CaptureShop™ and Sinar eXposure™ now can be installed on the same computer in parallel, also when a Sinarback 54 MC/M is used. Note: Install Sinar CaptureShop™ 5.6.3 *after* Sinar eXposure™.
- b. With a Sinarback 54 MC/M that is operated together with a Hasselblad V Adapter plate 552.35.270 now long time exposures (1 – 32 seconds) can also be made when "B" (Bulb) is selected.
- c. Now also shutters from Schneider Kreuznach can be selected in the Camera Settings.
- d. The state of the checkbox "Use Orientation Sensor" now is memorized also when a Sinarback eMotion is used.
- e. When working with a Sinar Hy6 camera the "Preview Mode" of CaptureShop can be selected again.
- f. The application no longer crashes when corrupt image data is transferred from a CF card to the computer.
- g. Several measures have been taken to increase the allover operation stability.
- h. Further minor bugs have been solved.

1. Application Purpose

Sinar CaptureShop™ version 5 supports generally all Sinarbacks and all cameras that are also supported with CaptureShop 4.1.2. The Sinarback eSprit 65 LV and the Sinar Hy6 65 Camera are not supported.

With 1st generation Sinarbacks some of the features present in Sinar CaptureShop™ 4.1.2 are not available with CaptureShop 5. However, if required, CaptureShop 4.1.2 can still be used.

2. Operating System

Sinar CaptureShop™ version 5.6.3 can be operated with **Mac OS X 10.4.11 and higher.**

As a standard, Sinar CaptureShop™ is carefully tested with the language of the Mac OS set to "English" (international). However, if another language than the above is selected, it is possible that some functions may respond differently than specified.

Important Note concerning Mac OS 10.5 and MacPro computers equipped with fast Intel Xeon processors:

We are currently facing a problem in the firewire communication with the configuration mentioned above when operated with a Sinarback 54 MC/M that may cause the application to hang after several exposures. Together with Apple Inc. we are working on a solution for this issue, and we will notify you as soon as a solution is available.

3. Version Log of Sinar CaptureShop™ 5

Improvements with CaptureShop 5.6.3 (compared to 5.6.1)

Respective information can be found above in the section "What is New in Sinar CaptureShop™ 5.6.3".

Sinar CaptureShop™ 5.6.2 (internal version only)

Improvements with CaptureShop 5.6.1 (compared to 5.6)

- a. A problem that occurred when taking 4-shot images with a Sinarback eVolution 75H with firmware version 2.0 on an Apple Macintosh computer with G5 processors has been solved.
- b. When using a Sinarback on a Contax 645 AF camera the meta-data in Sinar CaptureShop™ are displayed correctly now.
- c. Further minor bugs have been solved.

Improvements with CaptureShop 5.6 (compared to 5.5.1)

- a. Sinar CaptureShop™ 5.6 supports the Sinar Hy6 medium format camera system, including bi-directional communication between the software and the camera.
- b. The support of Mac OS 10.5 has been improved
- c. A "Black Reference Control" plug-in has been added to the Capture Controls, which allows for the user to manually control the acquisition of a new black reference (all Sinarback types except Sinarback eMotion).
- d. The image quality in shadow areas achieved with long exposure times or higher ISO values has further been improved.
- e. The exposure time, ISO speed and (if available) aperture used is now displayed in the curve plug-in when selecting a single captured image in the contact sheet.
- f. The image quality of multi-shot images achieved with Sinarback eVolution 75 H and Sinar m has been improved.
- g. The selection of large numbers of images in the Contact Sheet has been accelerated.
- h. The reliability of batch export has been improved.
- i. The problem that occurred while exporting JPG, PNG, and PSD images has been solved.
- j. The overall stability of the software has been improved.

- k. A problem that occurred with the Live image when using the Sinarback eVolution on the Sinar m has been solved.
- l. A problem that occurred while taking the white reference image with the Sinarback eVolution on the Sinar m has been solved
- m. A problem with saving "Previews" on Macs with Intel processors has been solved.
- n. With the Sinar Expolux Shutter exposure times shorter than 1/8 second can be set again.
- o. Various bugs that used to occur on Apple Macintosh computers with Intel processors have been fixed.

Improvements with CaptureShop 5.5.1 (compared to 5.5)

- a. The quality of the Live image of the Sinarback eMotion 54 LV and Sinarback eMotion 75 LV has substantially been improved.
- b. The communication stability of the Sinarback 54 MC/54 M has been improved. A new firmware version is automatically being installed when such a Sinarback is connected for the first time.
- c. When using a Sinarback eVolution 75 H or a Sinarback 54 MC/M on a Fuji GX 680 camera or on a Sinar p3 camera, the AUX connector of the respective camera adapter now is supported.
- d. When using a Sinarback eVolution 75 H or a Sinarback 54 MC/M on a 4x5" non-Sinar view camera, the AUX connector of the Graflock camera adapter now is supported.
- e. Black reference calibration (BRC) is no longer performed automatically after each time the Live image has been used
- f. A check box to select operation with or without a Sinar LC Shutter has been added to the Hasselblad V plug-in
- g. In the Session name the number of digits that shall be displayed in the consecutive image number can now be selected (max. 9 digits)
- h. When the Orientation check box in the Hardware setup is marked/unmarked the Sinarback is automatically re-connected
- i. Brightness of the Live image remains in the set intensity without to flicker.
- j. When using an Apple Macintosh computer equipped with Intel processors, the proportions of the Live Image Overlay are now displayed correctly
- k. With first generation Sinarbacks (SB22, 23 L/HR, 44 L/HR, 54 S/H) the Color calibration can be performed again
- l. When disconnecting the firewire cable or switching off the Sinarback eMotion while an image download is taking place, CaptureShop does no longer crash
- m. In the Exposure warning plug-in the value for the shadows can no longer be set higher than the value for the high-lights (and vice versa).
- n. Newly set ISO values are applied immediately after their alteration
- o. After quitting CaptureShop the Orientation check box remains in its last selected condition

- p. After quitting CaptureShop the set exposure time selected with a Sinar p3 camera configuration remains in its last selected condition
- q. When working with a Sinarback 54 MC/M or Sinarback eVolution 75 and Slave Mode is selected in the Rolleiflex camera plug-in-the check box for the Sinar LC Shutter is grayed out
- r. The Cooling fan and Peltier of the Sinarback eVolution 75 are activated immediately after its connection
- s. When using a Sinarback 22, 23 L/HR, 43 S/H or eVolution 75 H on a Sinarcam 2 the shortest selectable exposure time is now again 1/30 second

4. Known Bugs in CaptureShop 5.6.3

As follows, please find an updated list with the "known bugs" that still can occur after the installation of Sinar CaptureShop™ 5.6.3. The problems resolved have been removed from and some newly reported bugs have been added to the list of known bugs of Sinar CaptureShop™ 5.6.3.

- a. With some individual Sinarback in Live Image mode the orientation sensor might not work properly. As a workaround deactivate the automatic orientation sensor in the "Hardware Setup" and set the orientation manually in the "Capture" panel.
- b. If the computer activates the sleep mode while connected with the Sinarback, the application does no longer recognize the Hasselblad-H adapter plate after wake-up. After disconnecting and reconnecting the firewire cable from the Sinarback, the adapter plate is again properly recognized. Workaround: Deactivate sleeping mode of computer.
- c. If the Contact Sheet contains a large number of images (more than 200) the operation of the application is partially slowed down.
- d. Setting "neutral" on dark shadow areas in an *open image* or in a *preview image* currently does not work properly and produces green images. Setting "neutral" on dark shadow areas in the *thumbnail* works correctly and produces correct image results.
- e. When opening 1-shot raw files from CaptureShop™ 4.1.2 and earlier the Software Antimoiré Settings are misinterpreted since in CaptureShop 5 the Software Antimoiré slider covers a range from 0 to 100 whereas in the CaptureShop versions 4.1.2 and earlier it covers a range from 0 to 6. The Setting "3", for example, is read correctly but it has a much milder effect on the image than in the coarse range earlier versions.
- f. Currently the Focus Mode of the Live Image cannot reliably be activated and deactivated by pressing \mathbb{X} + F on the keyboard. It has to be selected by checking the checkbox in the Live Image plug-in or in the Capture menu.
- g. When releasing a Sinar m or a Sinar Hy6 with a Sinarback eMotion from Sinar CaptureShop™ a short delay occurs.
- h. At the end of the installation of a White-shading file the window with the respective progress bar is not closing automatically. Workaround: Close the window manually after approximately 3 minutes.

5. Installation

Sinar CaptureShop™ 5.6.3 can be installed in parallel to Sinar CaptureShop™ 4.1.2 and Sinar eXposure™ 6.1.1. These applications install and use different and the firewire drivers, respectively.

6. Installing the White Reference File of your Sinarback

In Sinar CaptureShop™ 5 a warning message appears if no valid Sensor White Reference File for the connected Sinarback is installed (**all Sinarbacks**, except all Sinarback eMotion models and Sinarback eSprit 65 LV). In order to install the White Shading Reference File from the CD, proceed as follows:

1. Insert White Reference CD
2. Connect your Sinarback to the Macintosh Computer
3. Launch the Sinar CaptureShop™ 5 application and confirm the warning message
4. Select "Get White Reference" from the "Capture" menu in CaptureShop
5. Follow on-screen instructions

When **any Sinarback eMotion model** is used for the first time on a specific computer, the Sensor White Reference File is automatically installed from the internal memory. In case the automatic installation is not possible, Sinar CaptureShop™ will ask you to insert the CD containing the White Reference File matching with the connected digital back. Then follow the instructions on the screen.

7. Firmware-Update with Sinarback 54 MC and 54 M

With CaptureShop 5.6.3 the firmware of the Sinarback 54 MC and 54 M will be updated, if necessary.

To update the firmware, please do the following steps:

1. Connect your Sinarback 54 MC or 54 M with a firewire cable with the computer.
2. Start Sinar CaptureShop™ version 5.6.3
3. After a few seconds the new firmware will be uploaded on the connected Sinarback 54 MC / 54 M. The updating process will take a few minutes. **Do not interrupt the connection while the installation of the firmware is in process!**
4. **After the complete updating**, quit Sinar CaptureShop™ and **disconnect the Sinarback 54 MC / 54 M from the power supply** (plug out the firewire cable and the power supply cable, if present, for a few seconds) so that the new firmware will be correctly initialized when plugged in again.

8. Sinarback eVolution 75H

With CaptureShop 5.6.3 and **Sinarback eVolution 75 H** it is recommended to install the **Sinarback eVolution Firmware version 2.2**. A respective updating tool and its ReadMe file is included on the CD of Sinar CaptureShop™ 5.6.3 and can be downloaded from our website.

9. Sinar m

When Sinar CaptureShop™ 5.6.3 or higher is used with a Sinar m that is equipped with an earlier firmware version than 2.0 (see menu *Options | Firmware Info*) it is strongly recommend to update the firmware of the Sinar m and of all connected peripheral items (Mirror module for Nikon lenses, Sinaron Digital CAB lenses, Adapter plates 100 for Sinarback 54 S/H, SB 44 L/HR, SB 43 S/H, SB 23 L/HR).

When using the "Sinar m DB Aperture Control" or "Sinar m Lens Extension Rings" Sinar m firmware version 2.10 and higher is required.

A respective updating tool with version 2.20 and its ReadMe file is included on the CD of Sinar CaptureShop™ 5.6.3.

Notice: To be able to update the Sinar m firmware with a **Sinarback 54 S/H** or **SB 43 S/H** equipped with a firewire interface the above mentioned Sinarbacks must be featuring Sinarback firmware version 1.9 and higher.

- A Sinar m firmware update cannot be performed when **any Sinarback eMotion model** is connected.

10. Sinar Hy6

Bi-directional communication between Sinarback and Sinar Hy6 using CaptureShop 5.6.3 is possible with the following Sinarback types: Sinarback eVolution 75 H, Sinarback eMotion 75 LV/ 75, Sinarback eMotion 54 LV, Sinarback eMotion 22, and Sinarback 54 MC/54 M. For the various Sinarback types the following firmware versions are required:

1. **Sinarback eVolution 75H** can be operated with the Sinar Hy6 as of Sinar CaptureShop™ 5.6.3 and Sinarback eVolution **Firmware 2.2** or higher.
A respective updating tool and its ReadMe file is included on the CD of Sinar CaptureShop™ 5.6.3 and can also be downloaded from our website.
2. **Sinarback eMotion** can be operated with the Sinar Hy6 as of Sinar CaptureShop™ 5.6.1 and Sinarback eMotion **Firmware 5.0** or higher (current version is 5.09).
A respective updating tool and its ReadMe file is included on the CD of Sinar CaptureShop™ 5.6.3 and can also be downloaded from our website.
3. **Sinarback 54 MC/54 M** can be operated with the Sinar Hy6 as of Sinar CaptureShop™ 5.6.1.
A respective firmware update is done **automatically** when connecting the back to Sinar CaptureShop™ for the first time. To have the newly installed firmware initialized, after completion of the update, quit CaptureShop and disconnect the Sinarback 54 MC / M from the power supply – plug out the firewire cable and the power supply cable, if present – and reconnect them after a few seconds.
4. For all Sinarback types listed above we recommend having **Sinar Hy6 Firmware 2.11** or higher installed on your camera body. In the case of the **Sinarback eVolution 75 H**, Sinar Hy6 Firmware 2.09 and higher is **required** in order to be able to capture multi-shot images correctly.
If necessary, a firmware update can be performed via USB cable. A respective updating tool and its ReadMe file is included on the CD of Sinar CaptureShop™ 5.6.3 and can also be downloaded from our website.

11. Settings, Preferences etc.

Sinar CaptureShop™ 5 uses the Mac OS X standard locations for storing application preferences and settings. Global application preferences are stored in the user's Preferences folder, i.e. they are user specific. The file name is **ch.sinar.captureshop.prefs**. Other settings are stored in the Application Support folder. There are two Application Support folders:

- The first one is valid for all users (global). It resides in the Library folder in the root of your system hard disk.
- The second one is in the user's library folder. Files stored in this location are only valid for the specific user. If two files with same names are stored in the global and user specific location, the user specific file has priority.

12. New Workflow

As compared to Sinar CaptureShop™ 4.1.2 and earlier versions the workflow of CaptureShop 5 has significantly changed. In Sinar CaptureShop™ 5 the images can be handled without the need to previously open them. If a thumbnail is selected any parameter can be changed in the "Process" and "Export" panel. The thumbnail reflects the current state of the image. The Cursor tools also work with the thumbnails:

- With the **Arrow tool** you can select a thumbnail (thumbnails can be selected with any tool but the hand. However, with the Arrow tool it is easier since with the other tools one has to hit the slide frame of the thumbnail for selection, which might not always be easy)
- You can set a neutral point with the **n-pipette**
- You can check RGB values with the **i-pipette**
- View a section in 100% view with the **Loupe** (detail windows must be visible)
- Scroll the Contact Sheet with the **Hand tool**
- With the **Crop tool** in an opened image a detail to be exported can be selected.

NOTE:

Sinar CaptureShop™ 5 uses a new cross-platform compatible file format. Image files captured with Sinar CaptureShop™ version 4.1.2 and earlier can be opened, processed, and exported as read-only files. Furthermore, these files can be converted into the CaptureShop 5 raw file format by means of "Save as" in the "File Menu".

13. Color Management

With the Sinar CaptureShop™ 5 software ICC input profile are installed for all Sinarbacks. Alternatively, 1st generation Sinarbacks can also be operated with color calibrations made with CaptureShop version 4.1.2 and earlier. With these Sinarbacks custom color calibration can also be created with CaptureShop version 5. If you like to use color calibrations made with an earlier version of CaptureShop copy these calibrations into the corresponding Sinarback folder under User/Library/Application Support/Sinar/CaptureShop/Calibration/Color. Subsequently re-start the CaptureShop application and select the color calibration in the Capture Panel under Input Profile.

14. Modules that are not implemented

- The pre-press module *Sinar CeMagYK*, the tool *Cyberkit Download*, *Sinar Macroscan*, and *Merge of multiple images* **will not be implemented** in CaptureShop 5.
- The **bi-directional communication between Sinarback and Sinar m**, with CaptureShop 5.6.3 is possible with the *Sinarback 54 MC*, *54 M*, and *eVolution 75 H*.
 - In order to have bi-directional communication with the *Sinarbacks 43 S/H* and *54 S/H* equipped with a firewire interface, a **firmware update** must be made on the respective Sinarback. The required tool, the Sinarback Firmware Updater, can be found on the CD of Sinar CaptureShop™ 5.6.3 and can also be downloaded from our website www.sinarcameras.com.
 - For **Sinarbacks with fiber optics interface** a "Sinarback PCI Board 3" or "Sinarback PCI Board 333" is required to enable the bi-directional communication. The Sinarback PCI Board 3 is suited for Apple PowerMacintosh computers with G4 processors, and the Sinarback PCI Board 333 is suited for Apple PowerMacintosh computers with G5 processors.

Important Notice:

With the **Apple Macintosh G5 Quad computers that are equipped with Dual-Core processors and PCI-Express expansion slots** the Sinarback PCI Boards 133 and 333 as well as the Sinarback PCI Boards 1, 2, and 3 can **no longer** be plugged in since the expansion slots of the G5 Macs are no longer compatible.

However, MAGMA company is offering a **PCI Express Host Card** (order code PEHIFX1), which can be inserted in a slot of a Dual Core Mac G5 computer. The Sinar PCI Board 1 or PCI Board 3 Card is as usual placed inside the Sinarback Unplugged Box, which is connected by cable with the PCI Express Host Card.

If a Sinarback Unplugged Box is not available, a "1 Slot PCI Expansion Box with PCI express host card" (order code CB1H + SUBPCIHIF68) can be ordered directly from Magma www.magma.com.

Please also note that neither Sinar PCI nor Sinar PCI-X Cards can be used with **Macintosh computers** that are equipped with **Intel processors**.

15. Copyright Notice

Sinarback ICC Profile made by GretagMacbeth ProfileMaker.